

Media Tip Sheet:

“How does a tree become a desk?”



Step 1: Green lumber (walnut, cherry, hard maple, white oak, poplar and beech) is purchased from local Indiana mills and inspected for quality and then stacked to air dry for up to nine months. Some lumber is purchased as kiln dried at 6 to 8 percent moisture content.

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Step 2: After the lumber has air dried to around 25 percent moisture content, it is loaded into a kiln to dry to about 6 to 8 percent. This can take up to approximately 25 to 30 days. At this moisture content, the material is suitable for use in desk making.

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Step 3: The lumber is then cut to specified lengths and surfaced by using a rough planer.

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Step 4: Lumber is ripped to width, molded to pattern and then goes through various steps to be machined as parts for the assembly operation.

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Step 5: Veneer comes in and is made into faces and glued to a particleboard or Medium Density Fiberboard substrate.

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Step 6: The veneered panels are machined, lumber rimmed or edge veneered and sanded before heading to the cabinet room assembly area.

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Step 7: Pedestal end panels have drawer slides attached.

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Step 8: The pedestals are assembled, then the complete desk chassis is yoked up and finally, the top is put onto the desk chassis.

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Step 9: Solid beech drawers are built and put into the desk chassis after the top is attached. The drawers are fitted to insure proper alignment and fit.

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Step 10: After drawer fitting, the unit goes through whitewood sanding in preparation for the finish operation.

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Step 11: The finish process consists of an Non-Grain Raising stain being applied, one sealer coat, sanded, varnish coat, sanded and final varnish coat applied.

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Step 12: After curing, the units have hardware applied, go through touch up and then final inspection.

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Step 13: From final inspection, the unit goes to packing to be packaged (cartoned) for shipping.

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Step 14: After the packing department, the unit goes to shipping department for loading onto trucks for final destinations around the country.

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Thanks to Jasper Desk for describing their process.

Jasper Desk products are American-Made in Jasper, Indiana, bearing the Premium Indiana Forest Products label.

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